

Docket No. P2003J066Family Number P2003J066

"PATENT"

Commissioner for Patents
P.O. Box 1450
Mail Stop: Patent Application
Alexandria, Virginia 22313-1450

22212 U.S. PTO
10/629247
07/29/03

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of:

Inventor(s): Richard E. Bare; Matthew J. Grossman; Roger C. Prince; David W. Savage

For: Periodic Aeration in an Activated Sludge Reactor for Wastewater Treatment

1. Type of Application

☒ Original (nonprovisional)☐ Divisional☐ Continuation

of copending application(s)

| | | | | |
|--------------------------|--------------------|-------|----------|-------|
| <input type="checkbox"/> | Application number | _____ | filed on | _____ |
| <input type="checkbox"/> | Application number | _____ | filed on | _____ |
| <input type="checkbox"/> | Application number | _____ | filed on | _____ |

2. Benefit of Prior U.S. Application (35 U.S.C. 119(e), 120, 121)

☐ The new application being transmitted claims the benefit of prior U.S. application(s).
Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF
PRIOR U.S. APPLICATION(S) IS(ARE) CLAIMED.

3. Papers Enclosed

☒ Application (23 pages), including 40 Claims (6 pages), and 1 page Abstract;☐ _____ sheet(s) of informal drawings;☒ 5 sheet(s) of formal drawings;☐ Preliminary Amendment☐ Information Disclosure Statement, EMRE Form -1449;☐ Copies of citations as listed on attached EMRE Form - 1449;☐ Other

4. Declaration

☐ Enclosed☒ Not Enclosed

☐ Priority of application Serial No. _____ filed on _____ in _____
USA (Country) is claimed under 35 U.S.C. 119.

CERTIFICATE OF MAILING (37 CFR 1.10)

I hereby certify that this new application transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal service on the date shown below in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number ET 040096510 US addressed to the: Commissioner for Patents, P.O. Box 1450, Mail Stop: Patent Application, Alexandria, VA 22313-1450.

Karen K. Simpson
(Name of person mailing paper)

Karen K. Simpson July 29, 2003
(Signature of person mailing paper or fee) Date



27810

PATENT TRADEMARK OFFICE

5. Fee Calculation - Regular Application

| (1) For | (2) Number Filed | (3) Number Extra | (4) Rate | (5) Basic Fee \$750.00 |
|------------------------------------|---------------------|---------------------|-------------|---------------------------|
| Total Claims | - 40 | 20 | x 18.00 | \$360.00 |
| Independent Claims | - 2 | 0 | x 84.00 | 0 |
| Multiple Dependent Claim(s) if any | | | + 280.00 | 0 |
| TOTAL FILING FEE | | | | \$1,110.00 |

☐ Fee for recording Assignment \$ _____☒ Please charge Deposit Account No. 05-1330 in the amount of \$ 1,110.00☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 05-1330. A duplicate copy of this Form is enclosed.**6. Assignment**☐ An assignment of the invention to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company) is attached. A separate☐ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or☐ FORM PTO 1595 is also attached.☒ will follow.

NOTE: "If an assignment is submitted with a new application, send two separate letters-one for the application and one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78)

7. Certified Copy

Certified copy(ies) of application(s)

Country _____ Appln. No. _____ Filed _____

From which priority is claimed

☐ is (are) attached.☐ will follow.29 July 2003

Date of Signature



Attorney or Agent of Record

Post Office Address**(to which correspondence is to be sent):**

ExxonMobil Research and Engineering Company
P. O. Box 900
Annandale, New Jersey 08801-0900

Malcolm D. Keen
Registration No. 27,728

Facsimile Number: (703) 846-7795

☒ Pursuant to 37 CFR 1.34(a)